BRUHAT BANGALORE MAHANAGARA PALIKE

BILL OF QUANTITIES (BOQ)

Developments of Burial Ground in Ward No 6 Byatarayanapura Sub Division

Sl. No.	Approved Qty.	Description	Unit	Issued to Technical Manager , KRIDL	
				In Figures	In Words
1	17.64	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 (Page no -5, item no - 2.4)	Cum	305.64	Rupees Three Hundred Five and Sixty Four Paise Only
2	12.14	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No. 12/I.No. 4.2 of CSR 2016-2017)	Cum	5449.68	Rupees Five Thousand Four Hundred Forty Nine and Sixty Eight Paise Only
3	18	KSRB 4-6.3 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour complete as per Specification. Specification No. KBS 4.6.2 (P.No.16, I.No.4.30 of PW,P&IWTD S.R 2016-17)	Sqm	414.72	Rupees Four Hundred Fourteen and Seventy Two Paise Only
4	11.38	KSRB 4.2.8: Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintles, and beams retaining walls, return walls, walls (any thickness) including attached plasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6. (P. No. 14/ I.No. 4.13 of CSR 2016-17)	Cum	6650.64	Rupees Six Thousand Six Hundred Fifty and Sixty Four Paise Only
5	0.52	KSRB 4.9.2 : Providing T.M .T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and I or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 (P.No.17, I.No.4.46.2 of PW,P&IWTD S.R 2016-17)	Tonne	60534	Rupees Sixty Thousand Five Hundred Thirty Four Only
6	7.92	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13(P.No.23, I.No.5.6 of PW,P&IWTD S.R 2016-17)	Cum	4521.96	Rupees Four Thousand Five Hundred Twenty One and Ninety Six Paise Only

Signature of the contractor

EXECUTIVE ENGINEER-4
KRIDL, BUMP DIVISION
BENGALURU-560 010

25/07
Executive Engineer

25/07

Sl. No.	Approved Qty.	Description	Unit	Issued to Technical Manager , KRIDL	
				In Figures	In Words
7	3.05	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13(P.No.23, I.No.5.9 of PW,P&IWTD S.R 2016-17)	Cum	5405.4	Rupees Five Thousand Four Hundred Five and Forty Paise Only
8	0.52	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No. 4.6 of PWD SR 2016-17)	Cum	5876.28	Rupees Five Thousand Eight Hundred Seventy Six and Twenty Eight Paise Only
9	26.64	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto SO m. and lift upto 1.S m. including cost of all labour complete as per specifications. specification. No. KBS(Page No : 6 Item No 2.10)	Cum	137.16	Rupees One Hundred Thirty Seven and Sixteen Paise Only
10	15	KSRB 14.7-1: Providing and laying flooring with M15 cement concrete 40 mm thick using broken granite 20mm and down size laid to line and level in one layer and finish with a floating coat of neat cement , including cost of materials, labour, curing, complete as per specifications. Specification No. KBS 14.3.(P.No.101, I.No.14.8 of PW,P&IWTD S.R 2016-17)	Sqm	348.84	Rupees Three Hundred Forty Eight and Eighty Four Paise Only
11	9.49	KSRB 6-1.3 : Providing and constructing burnt brick masonry for basement and superstructure with approved quality of non-modular bricks of standard size of class designation 3.5Newton per sqmm with cement mortar1:6 including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2(P.No.27, I.No.6.3 of PW,P&IWTD S.R 2016-17)	Cum	6770.52	Rupees Six Thousand Seven Hundred Seventy and Fifty Two Paise Only
12	45.24	KSRB15-3.12 :Providing 20mm thick cement plaster in single coat with cement mortar 1:6, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.No.113, I.No.15.20 of PW,P&IWTD S.R 2016-17)	Sqm	224.64	Rupees Two Hundred Twenty Four and Sixty Four Paise Only
13	45.24	KSRB 15.3.1Providing 12mm thick cement plaster in single coat with cement mortar 1 :4, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.No.112, I.No.15.10 of PW,P&IWTD S.R 2016-17)	Sqm	178.2	Rupees One Hundred Seventy Eight and Twenty Paise Only
14	18	KSRB15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1 :3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.No.113, I.No.15.22 of PW,P&IWTD S.R 2016-17)	Sqm	192.24	Rupees One Hundred Ninety Two and Twenty Four Paise Only
15	45.24	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specification. (P.No. 125, I.No. 15.106 of SR 2016-17).	Sqm	60.48	Rupees Sixty and Forty Eight Paise Only

Signature of the contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

25/07

Executive Engineer

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Sl. No.	Approved Qty.	Description	Unit	Issued to Technical Manager , KRIDL	
				In Figures	In Words
16	45.24	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. (P.No.117, I.No.15.53.2 of PW,P&IWTD S.R 2016-17)	Sqm	90.72	Rupees Ninety and Seventy Two Paise Only
17	45.24	KSRB 15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications. (P.No.116, I.No.15.49.1 of PW, P&IWTD SR 2016-17)	Sqm	76.68	Rupees Seventy Six and Sixty Eight Paise Only
18	18	KSRB 15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications. (P.No.116, I.No.15.49.2 of PW, P&IWTD SR 2016-17)	Sqm	82.08	Rupees Eighty Two and Eight Paise Only
19	2	KSRB 13-11.1 : Providing and placing on terrace, polyethylene water storage tanks as per IS 12701 : 1996 with manhole lid and suitable locI<ing arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications.(For 1 000 litre capacity) Specification No.KBS 13.22 (P.No.94, I.No.13.78 of PW, P&IWTD S.R 2016-17)	Cum	9144.36	Rupees Nine Thousand One Hundred Forty Four and Thirty Six Paise Only
20	83.7	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications (P.NO - 5, I.NO - 2.3, PWD SR 16-17)	Cum	204.12	Rupees Two Hundred Four and Twelve Paise Only
21	155	Providing and installing at site of work 63mm (0.662) PVC Pipes of 6 kg / cm2 including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour and lift charges, handling charges including encasing the pipe alround to a depth not less than 15cms with gravel or selected earth available from the excavation etc., complete (P.NO - 94, I.NO - 13.73.2, PWD SR 16-17)	mtrs	375.84	Rupees Three Hundred Seventy Five and Eighty Four Paise Only
22	83.7	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications (P.NO - 6, I.NO - 2.11, PWD SR 16-17)	Cum	82.08	Rupees Eighty Two and Eight Paise Only

1. The work should be executed as per the specification and standard specified by the PWD & Other specifications of the
2. The work should be carried out as per the directions and instructions of the concerned Engineer
3. The Contractor should maintain the quality of work as per the standard specifications.

Executive Engineer (Byatarayanapura)
Bruhath Bangalore Mahanagara Palike

I am prepared to take up the above work at the rates quoted by me in the Schedule 'B'

CONTRACTOR

EXECUTIVE ENGINEER-4
KRIDL, BGMP DIVISION
BENGALURU-560 010